

DISCRETE MATHEMATICS

VOLUME 110, NUMBERS 1-3, DECEMBER 11, 1992

CONTENTS

<i>A. Bialostocki and P. Dierker</i> On the Erdős-Ginzburg-Ziv theorem and the Ramsey numbers for stars and matchings	1
<i>G. Burosch, I. Havel and J.-M. Laborde</i> Distance monotone graphs and a new characterization of hypercubes	9
<i>O.M. Carducci</i> The strong perfect graph conjecture holds for diamonded odd cycle-free graphs	17
<i>D. Chen, C.C. Lindner and D.R. Stinson</i> Further results on large sets of disjoint group-divisible designs	35
<i>F. Chung, P. Diaconis and R. Graham</i> Universal cycles for combinatorial structures	43
<i>M. Cochand, A. Gaillard and H. Gröflin</i> Lattice matrices, intersection of ring families and dicuts	61
<i>M. Conforti and M.R. Rao</i> Articulation sets in linear perfect matrices II: the wheel theorem and clique articulations	81
<i>J. Francke and J.J.H. Meijers</i> Super-visible codes	119
<i>T. Hayasaka, S. Saito and D.G. Rogers</i> Further results on irregular, critical perfect systems of difference sets II: systems without splits	135
<i>S. Kuriki</i> System of equations related to the existence conditions for arrays	155
<i>H.-J. Lai and H. Lai</i> Duality in graph families	165
<i>H.-J. Lai and C.-Q. Zhang</i> Nowhere-zero 3-flows of highly connected graphs	179
<i>N.-Z. Li</i> On graphs having σ -polynomials of the same degree	185
<i>X. Lu</i> A characterization on n -critical economical generalized tic-tac-toe games	197

<i>F. Maurin</i> Balanced generalized handcuffed designs	205
<i>K. Metsch</i> Linear spaces with few lines	215
<i>L.A. Nowitz</i> A non-Cayley-invariant Cayley graph of the elementary Abelian group of order 64	223
<i>Y. Zhu and H. Li</i> Hamilton cycles in regular 3-connected graphs	229
Communications	
<i>H. Galeana-Sánchez</i> On the existence of kernels and h -kernels in directed graphs	251
<i>J.L. Malouf</i> An integer sequence from a rational recursion	257
<i>S. Parnes and S.B. Ekhad</i> A WZ-style proof of Jacobi polynomials' generating function	263
<i>E. Spence and V.D. Tonchev</i> Extremal self-dual codes from symmetric designs	265
Notes	
<i>Y. Egawa and P.D. Vestergaard</i> Spanning trees in a cactus	269
<i>D.C. Fisher and J. Ryan</i> Bounds on the largest root of the matching polynomial	275
<i>M. de Graaf, A. Schrijver and P.D. Seymour</i> Directed triangles in directed graphs	279
<i>F.C. Holroyd</i> Reconstructing finite group actions and characters from subgroup information	283
<i>S. Olariu</i> On sources in comparability graphs, with applications	289
<i>J. Shao and W. Wei</i> A formula for the number of Latin squares	293
<i>J.H. Wood</i> Is every compact code Huffman?	297
Research problems	301
Author index to volume 110	303

